



## **Report on the Industrial Visit to Mittapalli Spinners**

**Organized by the Department of Basic Science and Humanities,  
Narasaraopet Engineering College**

### **Introduction**

Industrial visits form an integral part of the academic journey of engineering students. They provide first-hand exposure to real-world work environments, enabling students to bridge the gap between theoretical learning and practical application. As a part of the Induction Program for First-Year B.Tech students, the Department of Basic Science and Humanities, Narasaraopet Engineering College, organized an industrial visit to Mittapalli Spinners, a reputed textile and yarn manufacturing industry located in the region.

The purpose of the visit was to provide students with an awareness of industrial culture, familiarize them with the functioning of large-scale industries, and highlight the skills and qualities required to succeed in a professional workplace. This initiative, conducted every year, has been instrumental in orienting students toward understanding the broader goals of engineering education, while also motivating them to align their learning with industry needs.

### **Objectives of the Industrial Visit**

The industrial visit was not merely a tour but an educational experience carefully planned to align with the goals of the induction program. The major objectives were:

1. Awareness Building: To help students understand how industries operate, including their workflows, machinery, management systems, and quality control measures.

2. Exposure to Industrial Requirements: To highlight the technical knowledge, skills, and personal attributes expected from young professionals in the industry.
3. Understanding Functionalities: To give students insight into different sections of the industry, such as production, quality testing, packaging, and administration.
4. Bridging Academia and Industry: To connect the foundational subjects taught in the first year (mathematics, physics, chemistry, and English communication) with their practical application in an industrial setting.
5. Skill Development: To motivate students to develop employability skills such as communication, teamwork, discipline, and adaptability.

### **Description of the Industry – Mittapalli Spinners**

Mittapalli Spinners is one of the leading names in the textile industry in Andhra Pradesh. The company specializes in the manufacturing of cotton yarn, catering to both domestic and international markets. The facility is equipped with modern spinning machinery, quality testing laboratories, and advanced packaging units. The industry is known for its emphasis on quality, efficiency, and sustainability, and it employs a large workforce that includes engineers, technicians, managers, and skilled laborers.

### **The Industrial Visit Experience**

The visit began with a warm welcome by the management team of Mittapalli Spinners. Students were divided into small groups to facilitate better observation and interaction. Faculty members from the Department of Basic Science and Humanities accompanied the students to guide them and ensure that the learning objectives were met.

1. Introduction Session: The visit commenced with an orientation session conducted by the company's HR and technical staff. They explained the company's operations, safety measures, organizational structure, and the importance of discipline in industrial environments.
2. Tour of the Production Unit: The most engaging part of the visit was the guided tour of the spinning and production units. Students observed processes such as blowroom operations, carding and drawing, spinning, and packaging.

3. Quality Control and Testing: The quality assurance team explained how yarn samples are tested for strength, consistency, and durability.

4. Interaction with Engineers and Technicians: Students interacted with professionals who shared their experiences and advised on skill development.

5. Closing Session: The visit concluded with a reflection session where students asked questions about career opportunities, internships, and qualities industries expect in graduates.

### **Outcomes of the Visit**

The industrial visit proved to be highly beneficial to the students. Some of the key outcomes were:

1. Practical Exposure: Students gained first-hand knowledge about industrial processes, machines, and workflows.
2. Enhanced Motivation: Observing real-world applications of their academic subjects motivated students to take their studies more seriously.
3. Career Awareness: Students understood the expectations of the industry in terms of technical expertise, communication skills, and work ethics.
4. Interpersonal Learning: Through teamwork during the visit, students developed better interaction and communication skills.
5. Linking Theory to Practice: The visit provided a live demonstration of how subjects like physics, chemistry, and mathematics are applied in industry.

### **Feedback from Students**

The first-year students expressed great enthusiasm and appreciation for the visit. Many of them stated that it was their first experience of visiting a large-scale industry, and it gave them valuable insights into how industries function on a daily basis. They also felt inspired to plan their academic journey in a way that would make them industry-ready by the end of their graduation.

## **Role of the Department of Basic Science and Humanities**

The Department of Basic Science and Humanities at Narasaraopet Engineering College has been proactive in designing orientation programs that go beyond classroom learning. By organizing such industrial visits every year, the department ensures that students start their academic journey with a clear vision of the practical relevance of their subjects.

## **Conclusion**

The industrial visit to Mittapalli Spinners was a resounding success, fulfilling its objectives of creating awareness, motivating students, and linking theoretical knowledge with practical applications. By witnessing the functionalities of a leading industry, students gained valuable lessons in discipline, teamwork, communication, and technical knowledge. The Department of Basic Science and Humanities looks forward to continuing this practice in the coming years, ensuring that every batch of first-year students benefits from this unique exposure to the industrial world.







